

SUBJECT INDEX

- Abrin
 - antibody-linked 357
- Acatalasia 200
- Ackee fruits
 - hypoglycaemia associated with poisoning 423
- Adenosine-3',5'-monophosphate
 - in liver
 - in diabetes, effects of insulin 428
 - effect of fasting 420
 - effects of glucagon 414
 - role in action of prostaglandins 282
 - role in hepatic gluconeogenesis 402
 - role in hepatic glycogen metabolism 382
- Adenylate cyclase
 - in liver, control of glycogenolysis 382
- Adontia 134
- Adrenaline
 - hyperglycaemic response to 416
 - role in insulin-induced hypoglycaemia 421
- α -Adrenergic receptors
 - in liver, role in carbohydrate metabolism 405
- α -Adrenergic stimulation
 - effect on calcium glycogenolysis in liver 385
- β -Adrenergic receptors
 - in liver, role in carbohydrate metabolism 405, 416
- Adriamycin
 - monoclonal antibodies as carriers 360
- Agranulocytosis 194
- Alanine
 - role in gluconeogenesis in liver 411
- Alcofenac
 - effect on leucocyte migration and prostaglandin synthesis 287
- Alexin 211
- Ameloblast cells
 - biochemical phenotype of 148
- Amelogenesis
 - phylogeny 169
- Amelogenesis imperfecta 134
- Amelogenins 149
 - biosynthesis 159
- Anaemia
 - hereditary, role of transferrin 83
 - transferrin catabolism 25
 - transferrin and iron in plasma 73
- Anaphylotoxin inactivator 239
- Anaphylotoxins 243
- Anoxia
 - effect on glycogen metabolism in liver 389
- Antibodies
 - antitumour 331
 - as carriers of chemotherapeutic agents 360
- Antibody-dependent activation of complement classical pathway 218
- Antibody-linked toxins 355
- Anti-inflammatory cyclo-oxygenase inhibitors 290
- Anti-inflammatory drugs
 - corticosteroids 290
 - cyclo-oxygenase inhibitors 286
 - dual cyclo-oxygenase and lipoxigenase inhibitors 290
- Anti-inflammatory steroids 303
 - biochemical basis for action 313
 - chemistry and medicinal chemistry 304
 - mechanism of action 306

- molecular biology of action 305
 - pharmacological basis of clinical activity 309
 - specific steroid effect 307
- Antiprotease 202
- α_1 -Antitrypsin 202
- Antiviral activity of complement 244
- Arachidonic acid
 - effect of anti-inflammatory steroids in release of 311
 - mechanisms of release 317
 - metabolism as a source of inflammation mediators 280, 283
 - metabolism in inflammation 279, 312
 - oxygenation of 276
 - pathways of metabolism 315
 - properties of metabolites 314
- Arachidonic acid cyclo-oxygenase
 - arachidonic acid metabolism in inflammation 277, 279
 - inflammatory properties of products 280
 - inhibitors 290
- Arachidonic acid lipoxigenase
 - arachidonic acid metabolism in inflammation 277, 280
 - inflammatory properties of products 283
 - inhibitors 290
- Ascorbic acid
 - effects on abnormal polymorphonuclear leucocytes 201
- Aspirin
 - effect on leucocyte migration and prostaglandin synthesis 287
- Aspirin-like drugs
 - effect on leucocyte accumulation in inflamed tissue 287
- Atransferrinaemia
 - transferrin levels 77
- β_1 H globulin 236
 - synthesis 247
- Bacterial sepsis
 - hypoglycaemia associated with 426
- Bacteriolysis 211
- Basal lamina
 - structure and function 141
- Benoxaprofen
 - effect on leucocyte migration and prostaglandin synthesis 287
- Betamethasone
 - anti-inflammatory potency 305
- Breast carcinoma
 - antibodies to 353
- Bronchoconstriction 291
- Bullous pemphigoid 252
- BW755C
 - mechanism of action 290
- C1-inhibitor 249
- C1-inhibitor 233
- C1 macromolecule 216
- C1q 212, 245
 - structure 214
- C1r 215
- C1s 215
- C2 217
 - biosynthesis 245
- C3 219
 - biosynthesis 245
- C3 convertase 230
- C3 nephritic factor 230
- C3b 227
- C3b inactivator 235
 - synthesis 247
- C3b receptors 244
- C4 216
 - biosynthesis 245
- C4-binding protein 235
- C5 223
 - biosynthesis 246
- C5 convertase 230
- C5b-9 membrane attack complex 225, 241
- C6 224
 - biosynthesis 246
- C7 224
- C8 224
 - biosynthesis 246
- C9 224
 - biosynthesis 247
- Calcium
 - role in action of hormones on hepatic glycogen metabolism 384
- Calmodulin 381
- Cancer therapy
 - use of monoclonal antibodies 354
- Carbohydrate
 - hormonal and metabolic control of hepatic metabolism 369-455
 - gluconeogenesis 394
 - glycogen metabolism 378
 - glycolysis 394
 - regulation *in vivo* 410
 - techniques and theoretical concepts 373
- Carboxypeptidase B 239
- Catalase
 - acatalasia 200
- Catecholamines
 - role in diabetes mellitus 427
 - role in hepatic carbohydrate metabolism 405, 416
- Chediak-Higashi syndrome 198, 201
- Chemotaxis
 - complement system proteins 243

- leucocytes 283, 316
- Chronic granulomatous disease of childhood 197
- Cirrhosis
 - α_1 -antitrypsin deficiency 204
- Cobra venom factor 230, 240
- Colon carcinomas
 - diphtheria toxin A - antibody conjugates 356
- Colorectal carcinoma cells
 - monoclonal antibodies to 351
- Complement
 - biological activities 241
 - anaphylotoxins and chemotaxis 243
 - antiviral activity 244
 - cytolysis 241
 - microorganisms and complement opsonisation 244
 - modulation of immune-complex mediated effects 243
 - biosynthesis of proteins 244
 - alternative pathway components 247
 - abnormalities in human disease 248
 - control proteins 247
 - genetically-determined polymorphism of components 248
 - ontogeny of complement 247
 - components 212
 - alternative pathway 226, 227, 230, 232
 - classical pathway 212, 218, 232
 - convertases 230
 - terminal components 219
 - connective tissue diseases 248
 - lesion 241
 - modulation of activation 233
 - anaphylotoxin inactivator 239
 - β 1H globulin 236
 - C1-inhibitor 233
 - C3b inactivator 235
 - C4-binding protein 235
 - initiation of alternative pathway activation 240
 - S protein 238
- Connective tissue diseases 248
 - complement deficiency 254
- Converting enzymes in liver 380
- Corticosteroids
 - mechanism of anti-inflammatory action 290
- Coritsol
 - role in diabetes mellitus 427
 - effect on transferrin synthesis 23
- Covalent modification
 - hepatic carbohydrate metabolism 376
- Crossover theorem 375
- Cutaneous necrotising vasculitis 252
- Cytolysis
 - complement activation 241
- Cytotoxic drug therapy
 - monoclonal antigens as carriers 360
- Daunomycin
 - monoclonal antibodies as carriers 360
- Degranulation disorders 201
- Dentin matrix dysplasias 135
- Dentinogenesis imperfecta 134
- Dermatitis herpetiformis 252
- Developmental antigen 352
- Developmental biology
 - tooth development, a model system 127
- Dexamethasone
 - anti-inflammatory potency 305
 - effect on prostaglandin concentration and leucocyte numbers in inflammatory exudates 290
- Diabetes mellitus
 - hepatic carbohydrate metabolism 422, 426, 428
- Diclofenac
 - effect on leucocyte migration and prostaglandin synthesis 287
- Differentiation alloantigens 146
- Diflunisal
 - effect on leucocyte migration and prostaglandin synthesis 287
- Diphtheria toxin A chain
 - antibody-linked 355
- Embryonic induction 138
- Embryonic mammalian tooth organ 141
- Embryonic tooth development 129
- Emphysema
 - α_1 -antitrypsin deficiency 204
- Enamel evolution 169
- Enamel gene expression 153
- Enamel matrix dysplasias 135
- Enamel proteins
 - biochemical definition 149
 - biosynthesis 150, 159
 - function 150
 - general characteristics 148
 - heterogeneity 150
 - immunogenetic aspects 175
 - partial amino acid sequences 166
 - phylogenetic characteristics 169, 177
 - post-translational processing 158
 - translation of enamel mRNAs 155
- Enamelins 149
- Enameloid 169
- Endocytosis of transferrin 40
- Endoperoxides 277, 281
- Endotoxic shock 250
- Enzyme regulation
 - control of metabolic pathways by 374, 376

- Epigenetic signals during epithelial-mesenchymal interactions 145
- Epithelial-mesenchymal interactions
 - in tooth morphogenesis 136
 - differentiation alloantigens 146
 - instructive interactions 138
 - mesenchymal specificity 143
 - possible epigenetic signals 145
 - regulatory levels of mesenchyme induction 147
 - structure and function of basal lamina 141
- Erythropoietic cells
 - iron uptake 31
- Exercise
 - effect on hepatic carbohydrate metabolism 418
- Factor B 227
 - synthesis 247
- Factor D̄ 229
 - synthesis 247
- Fasting
 - hepatic carbohydrate metabolism in 419
- Ferritin
 - iron transport 63
- Ferrokinetics
 - influence of transferrin 29
- Fetal tooth development 128
- Fetus
 - transferrin synthesis 19
- Fever
 - role of prostaglandins 282
- Fibroblasts
 - effect of anti-inflammatory steroids 312
- Fibronectin 143
- Flurbiprofen
 - effect on leucocyte migration and prostaglandin synthesis 287
- Formyl-methionyl peptides
 - leucocyte movement 283, 284
- Fructose
 - effect on glycogen metabolism in liver 389
 - metabolism in liver 399
 - role in gluconeogenesis in liver *in vivo* 411
- Fructose-1,6-bisphosphatase
 - in liver 396
 - phosphorylation of 404
- Fructose-6-phosphate - fructose-1,6-bisphosphate recycling 396
- Gallium-67
 - transferrin binding 62
- tumour scanning 80
- Genetically determined deficiencies of complement components 252
- Genetically determined polymorphism of complement components 248
- Genetic disorders in human tooth development 134
- Glomerulonephritis
 - role of complement 251
- Glucagon
 - effect on amino acid transport in liver 404
 - effect on calcium in liver 386
 - effect on gluconeogenesis in liver 402
 - in plasma during fasting 419
 - role in diabetes mellitus 427
 - role in hepatic carbohydrate metabolism 382, 412, 418
 - role in insulin-induced hypoglycaemia 421
- Glucocorticoids
 - effect on calcium in liver 386
 - effect on gluconeogenesis in liver 408
 - effect on glycogen synthesis in liver 387
 - role in hepatic response to glycogenolytic hormones 383
- Glucocorticoid-insulin interaction 387
- Glucocorticoid receptor 308, 311
- Glucokinase
 - in liver 380
- Gluconeogenesis in liver 394
 - amino acid transport 404
 - catecholamines 405
 - cellular regulation 398
 - control of conversion of pyruvate to phosphoenolpyruvate 402
 - control of phosphofructokinase/fructose bisphosphatase couple 403
 - in diabetes 426
 - effect of exercise 418
 - effect of fasting 419
 - glucagon and cyclic AMP 402
 - insulin and glucocorticoids 407
 - rate limiting enzymes 386
 - regulation *in vivo* 410
 - role of glucagon and insulin *in vivo* 412
- Glucose
 - in blood, effects of glucagon and insulin 413
 - effect on glycogen metabolism in liver 388
 - effect on hepatic carbohydrate metabolism *in vivo* 410
 - transport in liver 380
- Glucose - glucose-6-phosphate cycle in liver 391, 395
- Glucose-6-phosphatase in liver 380

- Glucose 6-phosphate dehydrogenase deficiency 201
- Glutathione peroxidase deficiency 200
- Glycogen metabolism in liver
 converting enzymes 380
 in diabetes 426, 429
 effect of fructose 389
 effect of glucose 388
 hormonal control 382
 effect of metabolic inhibitors and anoxia 389
 non-hormonal control 388
 rate limiting steps 378
 regulation *in vivo* 410
 role of calcium 384
 role of cyclic AMP 382
 role of glucagon and insulin *in vivo* 412
 substrate cycling 391
- Glycogenolysis
 in liver, effects of exercise 418
- Glycogen phosphorylase in liver 378
- Glycogen synthase in liver 378
- Glycolysis in liver 394
 amino acid transport 404
 catecholamines 405
 cellular regulation 398
 control of conversion of pyruvate to phosphoenolpyruvate 402
 control of phosphofructokinase/fructose biphosphatase couple 403
 insulin and glucocorticoids 407
 rate limiting enzymes 396
 regulation *in vivo* 410
 role of glucagon and insulin *in vivo* 412
- Granulomata 197
- Growth hormone
 role in diabetes mellitus 427
- H-2 antigen
 developmental functions 146
- Haptoglobin
 iron transport 63
- Hemopexin
 iron transport 63
- Hepatic carbohydrate metabolism
 hormonal and metabolic control 369-455
- Hepatocytes
 iron uptake 51
 in study of carbohydrate metabolism 373
- Hereditary anaemia 83
- Hybridomas 334
- Hydrocortisone
 anti-inflammatory potency 305
- Hydroxyeicosatetraenoic acid 277, 284, 314
- Hyperalgesia
 induced by prostaglandins 281
- Hyperglucagonaemia 425
- Hyperglycaemia
 induced by stressful situations 424
- Hypermetabolic states
 hepatic carbohydrate metabolism in 425
- Hypersideraemia 82
- Hyperthermia
 effect on hepatic carbohydrate metabolism 426
- Hypodontia 135
- Hypoglycaemia
 associated with extrapancreatic tumours and intoxications 423
 insulin-induced, recovery from 421
- Hypoxia
 effect on transferrin synthesis 23
- Ibuprofen
 effect on leucocyte migration and prostaglandin synthesis 287
- Idiopathic haemochromatosis
 transferrin levels 76
- Immune complexes
 interaction with proteins of complement system 243
- Immune function
 role of transferrin 81
- Immune response to tumours 330
- Immunogenetics
 enamel proteins 175
 epithelial-mesenchymal interactions 145
- Immunoglobulins
 activation of classical pathway 218
 drug coupling 360
- Immunosuppression 312
- Incisor tooth development 129
- Indium
 transferrin binding 62
- Indomethacin
 effect on leucocyte cyclo-oxygenase and lipxygenase *in vitro* 289
 effect on leucocyte migration and prostaglandin synthesis 287, 291
- Infantile genetic agranulocytosis 194
- Infectious diseases
 role of complement 250
- Inflammation 189
 anti-inflammatory steroids, basis of clinical activity 303
 arachidonic acid metabolism in 275, 279
 complement activation 209
 biological activities of complement 241

- biosynthesis of complement proteins 244
 - components 212
 - connective tissue diseases 248
 - modulation 233
 - generation of prostaglandins 279
 - mechanism of action of anti-inflammatory drugs 286
 - polymorphonuclear leucocyte 192
 - α_1 -antitrypsin 202
 - disorders of function and metabolism 197
 - metabolism 196
 - migration 195
 - production and its control 194
 - role of cyclo-oxygenase products 288
 - role of lipoxxygenase products 283
- Injury
 - effect on carbohydrate metabolism in liver 424
- Insulin
 - Ca²⁺-dependent effects in liver 386
 - effect on gluconeogenesis in liver 407
 - effect on glycogen metabolism in liver 383
 - induced hypoglycaemia, recovery from 421
 - in plasma during fasting 419
 - role in hepatic carbohydrate metabolism 412, 415
 - in diabetes 428
 - during exercise 418
- Insulin-antagonistic hormones 427
- Insulin-glucocorticoid interaction 387
- Intracellular communications 139
- Iron
 - absorption and excretion, role of transferrin 58
 - genetic disorders of transport 83
 - in plasma 71
 - abnormal 73
 - in iron deficiency 75
 - normal 72
 - in protein-calorie malnutrition 82
 - regulation of uptake by reticulocytes 48
 - release from transferrin 43
 - transfer from cells to transferrin 57
 - transport by ferritin 63
 - transport by haptoglobin 63
 - transport by hemopexin 63
 - transport by lactoferrin 64
 - transport by vitellogenin 65
 - transport, transferrin binding 3, 27
 - uptake by erythropoietic cells 31
 - uptake by hepatocytes 51
 - uptake by malignant cells 79
 - uptake by reticuloendothelial cells and lymphoid cells 53
 - uptake and transfer by the placenta 54
- Iron deficiency
 - plasma iron and transferrin levels 75
- Iron stores 21
- α -Ketoisovalerate
 - effect on gluconeogenesis 423
- Ketoprofen
 - effect on leucocyte migration and prostaglandin synthesis 287
- Kidney disease
 - role of complement 251
- Kinases
 - in liver 380
- Kwashiorkor
 - plasma iron and transferrin levels 82
- Lactoferrin 4, 14
 - bacteriostatic action 67
 - functions 69
 - iron transport 64
 - role in iron absorption 61
- Laminin 143
- Leiomyosarcoma
 - cytotoxic murine antibody to 353
- Leucocytes
 - chemokinetic activity of arachidonate lipoxxygenase products 285
 - chemotaxis 283
 - effect of cyclo-oxygenase products on function of 282
 - role of lipoxxygenase products in movement of 283
- Leucocytosis 195
- Leukemia cells
 - cytotoxicity of antibody-linked toxins 359
- Leukotriene B 316
- Leukotriene D 283
- Leukotrienes 279
- Lipochrome histocytosis 199
- Lipogenesis
 - in liver 394
- Liver
 - hormonal and metabolic control of carbohydrate metabolism 369-455
 - gluconeogenesis 394
 - glycogen metabolism 378
 - glycolysis 394
 - regulation *in vivo* 410
 - techniques and theoretical concepts 373
- Lymphocytes
 - effect of anti-inflammatory steroids 312

- production of hybridomas 333
- Lymphoid cells
 - iron uptake 53
- Lymphoid tissue
 - role of transferrin 81
- Lymphoma
 - murine antibody to 353
- Macrophages
 - effect of anti-inflammatory steroids 311
- Malignant cells
 - iron uptake 79
- Malignant diseases
 - plasma iron and transferrin concentration 78
- Malignant hyperthermia
 - effect on hepatic carbohydrate metabolism 426
- Malignant melanoma
 - monoclonal antibodies to 347
- Mammary carcinoma
 - specific antibody response to 339
- Mammary gland
 - transferrin synthesis 17
- Melanoma
 - monoclonal antibodies to 347
- Mesenchymal factor 145
- Mesenchymal instruction of epithelial differentiation 138, 143
- Mesenchymal specificity 143
- Mesenchyme induction 147
- Metabolic inhibitors
 - effect on glycogen metabolism in liver 389
- 3-Methylcholanthrene
 - induced mouse sarcomas, monoclonal antibodies 338
- Methylmalonic acidemia 423
- Monoclonal antibodies 330
 - animal tumours 336
 - carriers for chemotherapeutic agents 360
 - human tumours 341
 - linked toxins 355
 - technique 332
 - therapeutic applications 354
- Monocytopenia 311
- Mononuclear phagocytes 311
- Mucosal transferrin 60
- Murine leukemia virus
 - monoclonal antibodies to 337
- Myelomas
 - monoclonal antibody technology 333
- Myeloperoxidase deficiency 199
- Nalproxen
 - effect on leucocyte migration and prostaglandin synthesis 287
- Nephritic factor 230, 240
- Neuroblastoma
 - monoclonal antibody to 352
- Neutropenia 194, 195
- Nitroblue tetrazolium
 - reduction by polymorphonuclear leucocytes 196
- Noradrenaline
 - role in regulation of hepatic glucose production 417
- Nutritional state
 - role in hepatic carbohydrate metabolism 419
- Oestrogens
 - regulation of transferrin synthesis 22
- Oral contraceptives
 - transferrin and iron in plasma 74
- Osteogenic sarcoma
 - monoclonal antibodies 341
- Ovotransferrin 4, 14
 - bacteriostatic action 68
- Pain
 - role of prostaglandins 281
- Pemphigus 252
- 4-Pentenol acid
 - effect on fatty acid oxidation and gluconeogenesis 423
- Perfused liver
 - in study of hepatic metabolism 373
- Peroxidative killing of microorganisms disorders 197
- Phagocytosis 192, 197
- Phenylbutazone
 - effect on leucocyte migration and prostaglandin synthesis 287
- Phosphoenolpyruvate carboxykinase
 - in liver 397
 - diabetic rats 430
- Phosphofructokinase
 - in liver 396
- Phosphofructokinase/fructose biphosphatase couple
 - control in liver 403
- Phospholipids
 - arachidonic acid release 317
- Phosphoprotein phosphatases
 - in liver 381
- Phosphorylase b kinase
 - in liver 381
- Phylogeny of secretory amelogenesis 169
- Placenta
 - iron uptake and transfer 54

- Plasmacytoma 333
 Polymorphism of complement components 248
 Polymorphonuclear leucocytes 192
 effect of anti-inflammatory steroids 310
 α_1 -antitrypsin 202
 effect of cyclo-oxygenase products on function of 282
 disorders of function and metabolism 197
 metabolism 196
 migration 195, 282, 283, 287
 production and its control 194
 prostaglandin production 279
 response to chemoattractants 284
 Prednisolone
 anti-inflammatory potency 305
 Pregnancy
 transferrin synthesis 21, 22
 Properdin 226, 229
 synthesis 247
 Prostacyclin 277
 induced hyperalgesia 281
 effect on leucocytes in inflammation 282
 role in inflammation 280
 Prostaglandins 276
 involvement in inflammation 280, 313
 pain produced by 281
 release in inflammation 279
 Proteases
 role in inflammation 202
 Protein - calorie malnutrition
 plasma iron and transferrin levels 82
 Protein depletion
 effect on transferrin synthesis 22
 Protein kinase
 in liver 380
 Pyruvate
 control of conversion to phosphoenolpyruvate in liver 402
 Pyruvate carboxylase
 in liver 397, 423
 in diabetes 428
 Pyruvate kinase
 in liver 397

 Recurrent infection
 complement deficiencies associated with 252
 Renal disease
 role of complement 251
 Reticulocytes
 iron uptake 32
 Reticuloendothelial cells
 iron uptake 53
 Reye's syndrome 423
 Rheumatoid arthritis 279
 role of complement system 249
 Ricin
 antibody-linked 357

 Secretory amelogenesis
 phylogeny 169
 Secretory proteins
 phylogenetic hypothesis 177
 Shock
 effect on hepatic carbohydrate metabolism 424
 Skin disease
 role of complement 251
 Slow reacting substance of anaphylaxis 279
 role in inflammatory responses 283
 Somatostatin 410, 413, 422
 Sp4/A4 monoclonal antibody 339
 S protein 238
 Starvation
 hepatic carbohydrate metabolism in 419
 Stress induced hyperglycaemia 424
 Substrate cycling
 hepatic carbohydrate metabolism 391, 395
 Sulindac
 effect on leucocyte migration and prostaglandin synthesis 287
 Supernumary teeth 134
 Systemic lupus erythematosus
 role of complement system 248

 Teeth
 development 127
 biochemical characteristics 133
 genetic disorders 134
 morphological characteristics 128
 enamel proteins
 biochemical definition 149
 biosynthesis 150
 functions 150
 general characteristics 148
 heterogeneity 150
 immunogenetic aspects 175
 partial amino acid sequence 166
 phylogenetic characteristics 169, 177
 instructive epithelial-mesenchymal interactions 138
 possible epigenetic signals during epithelial-mesenchymal interactions 145
 Teratoma
 production of a monoclonal antibody

- against 338
- Thromboxane A₂ 277
 - role in inflammation 281
- Thromboxane B₂ 279
- Transferrin 3
 - amino acid composition 7
 - anion binding 10
 - in atransferrinaemia 77
 - bacteriostatic action 65
 - biosynthesis 19
 - rate of synthesis 20
 - regulation of synthesis 20
 - secretion 19
 - sites of production 16
 - carbohydrate composition 9
 - catabolism 24
 - comparison with ovotransferrin and lactoferrin 14
 - distribution and circulation 23
 - endocytosis 39, 40
 - genetic disorders of function 83
 - genetic polymorphism 15
 - growth promoting functions 68
 - in idiopathic haemochromatosis 76
 - influence on ferrokinetics 29
 - iron binding 9, 12
 - iron-binding ligands 12
 - iron binding sites, functional differences 46
 - iron release 43
 - iron transfer from cells to 57
 - iron transport 27
 - in malignant diseases 78
 - metal binding 13, 61
 - molecular size and shape 6
 - monoferric and diferric 46
 - pH dependence 11
 - in plasma
 - abnormal concentrations 73
 - an iron deficiency 75
 - normal values, age differences 72
 - in protein - calorie malnutrition 82
 - polypeptide structure 7
 - release 45
 - role in iron absorption and excretion 58
 - tumour scanning with gallium-67 80
- Transferrin-receptor interaction 33
- Triamcinolone
 - anti-inflammatory potency 405
- Tumour antigens
 - monoclonal antibody technique 332
- Tumour-associated rejection antigens 330
- Tumour cell surface antigens 330
- Tumours
 - animal, monoclonal antibodies to 336
 - human,
 - immunity to 330
 - use of monoclonal antibodies 341
 - hypoglycaemic conditions associated with 423
- Vascular effects of acute inflammation 309
- Vascular effects of cyclo-oxygenase products 280
- Vascular effects of lipoxigenase products 283
- Viral antigens
 - production of antibodies to 337
- Vitellogenin
 - iron transport 65
- Xylitol
 - metabolism in liver 400
 - role in gluconeogenesis in liver *in vivo* 411
- Zinc transport 61
- Zymosan 211, 240, 311

